



HF Happenings

No 503

May 2012

South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
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Why not give QRP contesting a try during the next couple of weekends?

The SARL Reaches Out To SADC Radio Amateurs

The SARL is reaching out to Radio Amateurs who are members of their national societies in Southern African Development Community countries, to join the SARL on a complimentary basis. This is part of the SARL's commitment to support the IARU Region 1 "Support To the Amateur Radio Service" or STARS programme. The objective of the STARS programme is to defend, protect, extend, develop and promote the amateur radio service in countries where amateur radio activity is low or nonexistent. To apply, radio amateurs in SADC countries should complete the SARL membership application form and submit the form and proof that they are a member of their local society, to admin@sarl.org.za.

ZS3 Sprint

The ZS3 Sprint, which will be run from 14:00 to 15:00 UTC on Sunday 6 May, is run to promote contacts between radio amateurs in the Northern Cape and radio amateurs in Southern African countries. It is a phone and CW contest on the 40-metre band, and the exchange is RS(T) and provincial or country abbreviation.

ZS3 stations will earn 1 point for a QSO from ZS3 and 2 points for a QSO from other ZS call areas or Southern African countries. Other stations will earn 2 points for a QSO with a station in ZS3 and 1 point for a QSO with a station outside ZS3. Contacts with the Northern Cape ARC, ZS3NC, Namaqualand Aero Sport Association, ZS3FLY, or the Kalahari Karoo ARC, ZS3ARK, are worth 5 points each. Only one contact per station is allowed.

Log sheets must be submitted by 13 May and can be sent to ZS3 Sprint, PO Box 1049, Kathu, 8446 or by e-mail to zs3nc@qsl.net.

The AWA Valve QSO party

Have YOU done anything to promote Amateur Radio this month?





On Saturday 12 May and Sunday 13 May, the Antique Wireless Association Valve QSO party will be held. On Saturday the AM leg will be run and on Sunday the SSB leg. On both days the contest runs from 13:00 to 17:00 UTC (15:00 to 19:00 CAT) and frequencies to use are - 40 metres: 7 060 - 7 100 and 80 m 3 603 to 3 650 kHz.

The exchange is call sign, a RS report, a consecutive serial number starting at 001 and the type of rig used. The scoring (your radio) - All valve radio 3 points per contact; Hybrid radio 2 points per contact; Solid State Radio 1 point per contact.

Logs must be submitted by 28 May 2012 and can be sent to andyzs6ady@vodamail.co.za or AWA of Southern Africa; PO Box 12320, Benoryn, 1504. Certificates will be awarded to the three highest scores in each category.

Digital Modes on 40 Metres

The SARL has received a complaint of a ZS6 radio amateur operating DominoEx-4 between 7 058 and 7 060 kHz. Stations using this digital mode must operate between 7 040 and 7 050 kHz. SSB operation starts at 7 053 kHz.

Results of the 2011 CQ WW RTTY DX Contest

The results of the 2011 CQ WW RTTY DX Contest appear in the May issue of CQ magazine. The following South African stations are to be found in the results.

Single Operator

Roger Jones, ZS6RJ - all band, high power made 18 380 points from 92 QSOs working 56 US/VE states/provinces, 24 CQ zones and 0 countries (I think this is a typo!)

Jacques le Roux, ZS1JY - all band, low power made 24 929 points from 89 QSOs working 43 US/VE states/provinces, 27 CQ zones and 27 countries.

Assisted

Allan Saul, ZS1LS - all band made 32 207 points from 106 QSOs working 70 US/VE states/provinces, 30 CQ Zones and 7 countries

DXpedition of the Year - STOR voted as DXpedition of the Year

During this weekend's International DX Convention in Visalia, California, the STOR team was honoured as the 'DXpedition of the Year' as voted upon by the membership of the Northern California DX Club.

The STOR team is very honoured to receive this recognition. STOR Co-Leaders Antonio Gonzalez, EA5RM, and Paul Ewing, N6PSE, received the honours from NCDXC President, Russ Bentson, K6KLY. STOR team members David Collingham, K3LP, Roberto Filloy Garcia, EA2RY, and Hrane Milosevic, YT1AD, were also present and participated in this great honour. The Intrepid-DX Group and the DX Friends/Tifariti Gang are very proud of this honour and are actively working on future plans for further DXpeditions together.

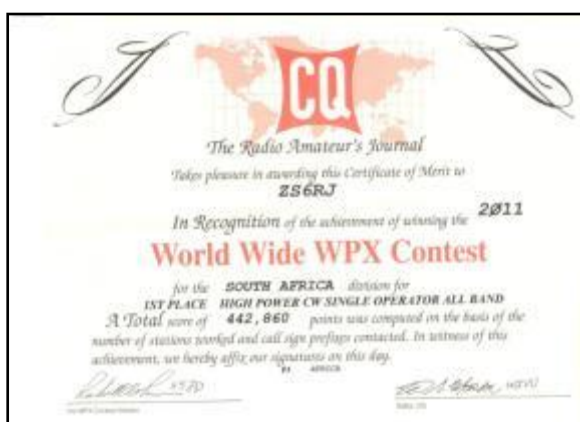
May 2012

1 - Worker's Day
5 and 6 - Riebeek Valley Olive Festival, Riebeek Kasteel and Riebeek West; LA Sports 4x4 Products in Action Show, Pretoria
6 - ZS3 Sprint
12 - SA AMSAT Symposium, Durban
12 and 13 - AWA Valve QSO Party
13 - Mother's Day
17 - Ascension Day
18 to 20 - ABSA Calitzdorp Port and Wine Festival
18 to 20 - Dayton Hamvention
20 - ZS4 Sprint
24 - Radio Amateur Exam
26 - Stars and Planets evening, Gariep Dam
26 and 27 - CQ WPX CW Contest
27 - SARL Digital contest
30 - SARL 80 m Club contest, digital





Thank you, Antonio Gonzalez, EA5RM, - The Tifariti Gang; Paul Ewing, N6PSE, - The Intrepid-DX Group"



GOIJZ publishes paper in Radio Science

A paper entitled "Comparison of propagation predictions and measurements for mid-latitude HF near-vertical incidence sky wave links at 5 MHz" has just been published in the peer-reviewed academic journal Radio Science.

The paper, by Dr Marcus Walden, GOIJZ, compares near-vertical incidence sky wave, or NVIS, measurements from the UK 5 MHz beacon network with HF propagation predictions using VOACAP and ASAPS software.

Further information, including a link to the paper, can be found on the RSGB website at www.rsgb.org/spectrumforum/hf/5mhzintro.php.

Yeman, 7O6

An international team of operators will be active as 7O6T from Socotra Island (AS-028) very soon (within a week) until 17 May. The team has obtained the license and is enroute to Sanaa. They plan to have six stations on the air (5x Elecraft K3 and Kenwood TS-590). Activity will be on 160-10 meters using CW, SSB and RTTY. Suggested frequencies are - CW - 1 824, 3 504, 7 004, 10 104, 14 024, 18 074, 21 024, 24 894 and 28 024 kHz; SSB - 1 845, 3 780, 7 065/7 180, 14 145, 18 145, 21 295, 24 945 and 28 495 kHz; RTTY - 7 035, 10 140, 14 080, 18 100, 21 080, 24 920 and 28 080 kHz

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QSL via UA3DX. More details about OQRS/Direct/Bureau/LoTW will be available during the course of DXpedition. Operators mentioned are Dmitri, RA9USU (Team Leader), Harry, RA3AUU (Co-Leader), David, K3LP (Co-Leader), Andrew, UA3AB, Oleg, R3FA, Vlad, R7LV, Alex, RM2M, Yuri, RL3FT, Aleksey, UA4HOX, Choigonjav, JT1CO, Paul, N6PSE, David, WD5COV, and Hrane, YT1AD. The 7O6T operation is supported by the Ministry of Interior, the Ministry of Information, the Ministry of Radio and the Ministry of Telecommunications and Information Technology, Republic of Yemen. The 7O6T operation does have a Web page and Twitter page at <http://www.yemen2012.com/index.php> and <https://twitter.com/#!/7o6t>

Myanmar, XZ

Back in November, Simon, HSOZIB/G6JFY, informed OPDX that his QTH in Thailand is only a few hours drive to Myanmar, and he makes regular trips to the country, he states that he is there weekly. It seems his discussions with authorities from the Myanmar Ministry of Post and Telecommunications, the Ministry of Tourism for about a year has paid off and he now has a license. Simon has been allowed to set up a "low-key" station in Kawthaung and is expected to be on the air as XZ1K. However, activity will be limited.

Currently, Simon works as a volunteer language (English and Thai) and computer teacher in Myanmar, as well as a professional construction/manager in both Myanmar and Thailand, so amateur radio operations have to fit in with his busy work schedule. He states, "I will try to schedule my ham radio activities to fit in with band and propagation conditions, and openings/greyline paths. His tentative band plan and mode of operation are as follows - 20 m - PSK 14 070 kHz UP (He will watch the waterfall up to 3 kHz); 20 m - SSB 14 160 kHz UP as directed; 10 m - SSB 28 400 kHz UP as directed

Special Notes (per Simon):

- * For SSB operations, he will usually work split, up to 5 kHz UP (so please do not all call him on the exact same frequency).
- * For PSK operations, he will watch his Digipan waterfall up to 3 kHz UP (please do not call on his transmit frequency).
- * Please do not call for duplicate QSOs - you are either in the log or you are not in the log!
- * If mobile network coverage allows, he will upload QSOs in real-time, otherwise please check his log later.
- * Please use your full call sign, do not call using only the suffix.
- * Shouting, pleading and invoking Mother of God will not help you to make a QSO.
- * This is NOT a limited time DXpedition - Simon is expected to be in Myanmar for many years.
- * Please consider making a donation to MyanmarTeachers.org.
- * If you need to contact him, please do so via his E-mail address on QRZ.com.

All QSL card requests for QSO contacts and SWL (short wave listener) reports are made by OQRS (Online QSL Request Service). There is no direct mail, Bureau, LoTW or eQSL support. OQRS costs 5 USDs per QSL card, and you can also add (at your absolute discretion) an optional donation for his volunteer work - please visit www.myanmarteachers.org. You can pay online using PayPal, debit or credit card. (If you do not have a debit/credit card, please ask a friend to make the payment for you).

For more details, updates and an online log search, visit <http://www.xz1k.org>

Association des Radio Amateur de la Republique Democratique du Congo (ARRAC)

News from the Association des Radio Amateur de la Republique Democratique du Congo (ARRAC) reports on QRZ.com [edited] "Finally after 2 years hard work good news from The Re-

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publique Democratique Congo. Thanks to STARS Hans, ON6WQ, (IARU Support To Amateur Radio Service) for the donation of a transceiver and antenna. Thanks to the Belgian DX Team - ON4AHF, ON4HIL, ON4ATW, ON4CIT, ON6CC, ON4IA and PA3EWP. Also thanks to Henk, ON4AHF, for the VHF donations and support on the training course via SKYPE and mail. Also, Pascal, ON4CFC, who lives in Kinshasa and helped the new members on their training course together with 9Q1PM and 9Q1HN. With this help, here are the results:

This is the list of the only real operators who passed the first exam on 27 January 2012, and now have their own their PNTC Amateur Radio certificate.

Ladies		Men	
9Q1BT	Tshiela Brigitte	9Q1RM	Muamba Richard
9Q1ALA	Akongunuka Annie	9Q1WM	Mulumba Wamans
9Q1AD	Diluzeyi Angelique	9Q1JL	Lukusa Jean Willy
9Q1AK	Kitete Agnes	9Q1RE	Ekaya Robert
9Q1LJ	Lihau Jeanine	9Q1JI	Ifaso Jean Maurice
9Q1MM	Mbuyi Marie Louise	9Q1HN	Ngilima Henry
9Q1YM	Muaka Ngimbi Yvette	9Q1PM	Pascal Mbuyi
9Q1NH	Nsele Hortense	9Q1KM	Mpinda Khal
9Q1FS	Sua Francoise	9Q1LE	Enyeka Lazare
9Q1NW	Watuala Webe Nicole	9Q1CM	Makiamfu Jean Claude
		9Q1MP	Mangala Jean Pierre
		9Q1HM	Mbenga Hermes
		9Q1DN	Ngelebeya Dieudonne

ON4CFC has received the 9Q1CFC trainer certificate from the office of the General Secretariat P.N.T.C RDC Kinshasa. 9Q0AR will soon be on the air with 100% QSL support via a QSL manager and DXCC acceptance. Please be patient, more news is forthcoming soon."

African DX

Mozambique, C9. ZS6JR and ZS6DJD will be operating from Mozambique for seven days from 3 or 4 May. The idea is to park next to a small lake in Shai Shai, 400 km north of the capital, and operate all vertical antennas with the earth wires in the water. They will operate vertically on most bands 40 to 10 m.

African Islands

Special Event Stations

Ukraine, EM67. Members of the Crimean Contest Radio Club, UU5J, will be active as EM67J during 1 to 15 May. Activity is to commemorate the 67th anniversary of the "Victory in the Great Patriotic War." QSL via K2PF. Log will be upload to LoTW in late May or early June.

The Netherlands, PA. Frans, PC2F will use special call sign PC25HR between 6 and 28 May and especially on 12 May from the Hertog Reijnout pumping station for Holland's National Windmill Day. QSL via home call (all of the QSOs will be confirmed automatically via the bureau).

Switzerland, HB9. The Tera Radio Club www.hb9ok.ch members will be active on all bands and modes as HB100FLP from 7 May to 9 June to celebrate the 100th anniversary of the railway line between Lugano and Ponte Tresa. QSL via HB9OCR, bureau preferred.

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Poland and Ukraine. "European Football Championship 2012 on the AIR" is an on-the-air activity, which promises to be a great deal of fun, organised by Polish and Ukrainian amateurs affiliated with PZK and UARL.

From June 1 to 5 July 2012, there will be numerous special event stations active on the air. They will be operating concurrently with the 2012 European Football Championship, which this year is organised jointly by Poland and Ukraine. More detailed information about our activity can be found on our website <http://efc2012.pzk.org.pl>. We welcome you and look forward to seeing you on all the amateur bands. There are two awards, which can be earned during this period, as well as many interesting QSL cards and prizes.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 30 April to 7 May 2012.

AGCW QRP/QRP Party

13:00 - 19:00 UTC 1 May

Mode: CW

Bands: 80, 40 m

Classes: 5 W (A); 10 W (B)

Exchange: RST, QSO no, "/" and Class ID - A or B

Work stations: Once per band

QSO Points: 1 point per QSO with class B; 2 points per QSO with class A

Multipliers: DXCC countries once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 May 2012

E-mail logs to: grp-party@agcw.de

Mail logs to: Manager, Jo (Juergen) Mertens, DJ4EY, Am Muehlenbruch 32, D-59581 Warstein, Germany

Find rules at: http://www.agcw.org/en/?Contests_and_CW-activities:QRP-QRP-Party

NCCC RTTY Sprint

01:30 - 02:00 UTC 4 May

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 May 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

NCCC Sprint Ladder

02:30 - 03:00 UTC 4 May

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

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Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 May 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

10-10 International Spring CW Contest

00:01 UTC 5 May to 23:59 UTC 6 May

Mode: CW

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: non-QRP: >5 watts; QRP: 5 watts

Exchange: 10-10 Member: Name, 10-10 number and state, province or country

Non-Member: Name and 0 and state, province or country

QSO Points: 1 point per QSO with a non-member

2 points per QSO with a 10-10 member

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 21 May 2012

E-mail logs to: tentencontest@roadrunner.com

Mail logs to: Dan Morris, KZ3T, 131 Valencia Lane, Statesville, NC 28625, USA

Find rules at: <http://www.ten-ten.org/Forms/QSO%20Party%20Rules.pdf>

ARI International DX Contest

12:00 UTC 5 May to 11:59 UTC 6 May

Mode: Phone, CW, RTTY

Bands: 160 (no RTTY), 80, 40, 20, 15, 10 m

Classes: Single Op CW; Single Op Phone; Single Op RTTY; Single Op Mixed; Multi-Single; SWL

Exchange: I: RS(T) and 2-letter province; non-I: RS(T) and serial no

Work stations: Once per mode per band

QSO Points: 0 points per QSO with same country; 1 point per QSO with different country same continent; 3 points per QSO with different continent; 10 points per QSO with I/ISO stations

Multipliers: Each Italian province once per band; Each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 21 May 2012

E-mail logs to: aricontest@kkn.net

Mail logs to: (none)

Find rules at:

http://www.ari.it/images/stories/ContestHF/ARI_Intern_DX_Contest_2012_Rules.pdf

7th Call Area QSO Party

13:00 UTC 5 May to 07:00 UTC 6 May

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Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op - CW, Phone, Digital or mixed - QRP, Low or High; Multi-Single - QRP, Low or High; Multi-Multi; Single Op County Expedition; M/S County Expedition; M/M County Expedition
Mobile - CW, Phone, Digital or mixed - QRP, Low or High

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: 7th Area: RS(T) and 5-letter state/county code; non-7th Area: RS(T) and state, province or DX

Work stations: Once per band per mode per county

QSO Points: 2 points per SSB QSO; 3 points per CW/Digital QSO

Multipliers: 7th Area: Each state or province once; 7th Area: Each DXCC entity once (max of 10); non-7th Area: Each 7th area county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 2 June 2012

E-mail logs to: 7qplogs@codxc.org

Mail logs to: 7th Call Area QSO Party, c/o CODXC, 61255 Ferguson Rd, Bend, OR 97702, USA

Find rules at: <http://www.codxc.com/new/Page.asp?Content=DRYLAND7S&Page=3>

Indiana QSO Party

16:00 UTC 5 May to 04:00 UTC 6 May

Mode: Phone, CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - High, Low or QRP; Multi-Single; Multi-Multi; Mobile; Portable; Rover

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: IN: RS(T) and county; non-IN: W/VE: RS(T) and state or province; DX: RS(T) and "DX"

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW QSO

Multipliers: IN Stations: Each IN county, state, province once per mode; non-IN Stations: Each IN county once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 June 2012

E-mail logs to: ingp@hdxcc.org

Mail logs to: HDXCC, c/o Mike Goode, N9NS, 10340 Broadway, Indianapolis, IN 46280-1344, USA

Find rules at: <http://www.hdxcc.org/ingp/rules.html>

New England QSO Party

20:00 UTC 5 May to 05:00 UTC 6 May and 13:00 - 24:00 UTC 6 May

Mode: Phone, CW/Digital

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, Low or High; Multi-Single; Mobile Single Op - QRP, Low or High; Mobile Multi-Single

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: CT, ME, MA, NH, RI, VT: RS(T), county and state; non-NE: RS(T) and state, province or "DX"

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

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Multipliers: NE Stations: Each state, province, DXCC country once; non-NE Stations: Each NE county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 5 June 2012

E-mail logs to: logs@neqp.org

Mail logs to: NEQP, PO Box J, West Suffield, CT 06093, USA

Find rules at: <http://www.neqp.org/rules.html>

RSGB 80 m Club Championship, SSB

19:00 - 20:30 UTC 7 May

Mode: SSB

Bands: 80 m Only

Classes: (none)

Exchange: RS and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 14 May 2012

Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2012/r80mcc.shtml>

Next Week's Contests

ARS Spartan Sprint, 01:00 - 03:00 UTC 8 May

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 9 May and 03:00 - 04:00 UTC 10 May

NCCC Sprint Ladder, 02:30 - 03:00 UTC 11 May

AWA Valve QSO Party, 13:00 to 17:00 UTC 12 May and 13:00 to 17:00 UTC 13 May

EUCW Fraternizing CW QSO Party, 10:00 - 12:00 UTC 12 May and 18:00 - 20:00 UTC 13 May

Nevada Mustang Roundup, 17:00 UTC 12 May to 17:00 UTC 13 May

FISTS Spring Sprint, 17:00 - 21:00 UTC 12 May

50 MHz Spring Sprint, 23:00 UTC 12 May to 03:00 UTC 13 May

SKCC Weekend Sprintathon, 00:00 - 24:00 UTC 13 May

WAB LF Phone, 10:00 - 14:00 UTC 13 May

NAQCC-EU Monthly Sprint, 18:00 - 20:00 UTC 14 May

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 30 April 2012.

1772 - John Clais patents the first scale (30 April)

1780 - William Herschel discovers first binary star, Xi Ursae Majoris (2 May)

1830 - First regular steam train passenger service starts (3 May)

1840 - First adhesive stamps - Penny Blacks - issued in England (1 May)

1851 - Dr John Gorrie patents a "refrigeration machine" (6 May)

1878 - Phonograph shown for first time at Grand Opera House (4 May)

1888 - George Eastman patents "Kodak box camera" (7 May)

1896 - First horseless carriage show in London (featured 10 models)

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1899 - Lawn mower patented (9 May)

1979 - Radio Shack releases TRSDOS 2.3 computer (8 May)

2000 - Conjunction of the Sun, Mercury, Venus, Mars, Jupiter, Saturn and the Moon (5 May)

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC

